# SAFETY DATA SHEET

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

| | |
|---|---|
| **Trade name or designation of the mixture** | Label Off Super |
| **Registration number** | - |
| **UFI:** | GJ9X-282V-3003-0C23 |
| **Synonyms** | None. |
| **Product code** | BDS002624AE |
| **Issue date** | 24-March-2022 |
| **Version number** | 1.1 |
| **Revision date** | 12-May-2022 |
| **Supersedes date** | 24-March-2022 |

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

| | |
|---|---|
| **Identified uses** | Cleaners - Precision |
| **Uses advised against** | None known. |

### 1.3. Details of the supplier of the safety data sheet

| | |
|---|---|
| **Company name** | CRC Industries Europe bv |
| **Address** | Touwslagerstraat 1<br>9240 Zele<br>Belgium |
| **Telephone** | +32(0)52/45.60.11 |
| **Fax** | +32(0)52/45.00.34 |
| **E-mail** | hse@crcind.com |
| **Website** | www.crcind.com |
| **1.4. Emergency telephone number** | Tel.: +32(0)52/45.60.11 (office hours: 9-17h CET) |

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

**Classification according to Regulation (EC) No 1272/2008 as amended**

| | | |
|---|---|---|
| **Physical hazards** | | |
| Aerosols | Category 1 | H222 - Extremely flammable aerosol.<br>H229 - Pressurized container: May burst if heated. |
| **Health hazards** | | |
| Skin corrosion/irritation | Category 2 | H315 - Causes skin irritation. |
| Skin sensitisation | Category 1 | H317 - May cause an allergic skin reaction. |
| Specific target organ toxicity - single exposure | Category 3 narcotic effects | H336 - May cause drowsiness or dizziness. |
| **Environmental hazards** | | |
| Hazardous to the aquatic environment, long-term aquatic hazard | Category 2 | H411 - Toxic to aquatic life with long lasting effects. |

### 2.2. Label elements

**Label according to Regulation (EC) No. 1272/2008 as amended**

**Contains:** Cyclohexane, Hydrocarbons, C6-C7, n-alkanes,isoalkanes,cyclics,< 5% n-hexane, Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics, Orange, sweet, extract

**Hazard pictograms**

**Signal word** Danger

**Hazard statements**

| | |
|---|---|
| H222 | Extremely flammable aerosol. |
| H229 | Pressurized container: May burst if heated. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H336 | May cause drowsiness or dizziness. |
| H411 | Toxic to aquatic life with long lasting effects. |

**Precautionary statements**

**Prevention**

| | |
|---|---|
| P102 | Keep out of reach of children. |
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P211 | Do not spray on an open flame or other ignition source. |
| P251 | Do not pierce or burn, even after use. |
| P261 | Avoid breathing mist/vapours. |
| P271 | Use only outdoors or in a well-ventilated area. |
| P273 | Avoid release to the environment. |
| P280 | Wear protective gloves. |

**Response** Not assigned.

**Storage**

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

**Disposal**

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**Supplemental label information** Regulation (EC) No 648/2004 on detergents:
aliphatic hydrocarbons > 30 %
perfumes: d-limonene

**2.3. Other hazards** This mixture does not contain substances assessed to be vPvB / PBT according to Regulation (EC) No 1907/2006, Annex XIII. The product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

## SECTION 3: Composition/information on ingredients

**Mixture**

**General information**

| Chemical name | % | CAS-No. / EC No. | REACH Registration No. | Index No. | Notes |
|---|---|---|---|---|---|
| Hydrocarbons, C6-C7, n-alkanes,isoalkanes,cyclics,< 5% n-hexane | 25 - 50 | EC921-024-6<br>921-024-6 | 01-2119475514-35 | - | |
| **Classification:** Flam. Liq. 2;H225, Skin Irrit. 2;H315, STOT SE 3;H336, Asp. Tox. 1;H304, Aquatic Chronic 2;H411 | | | | | |
| Cyclohexane | 10 - <25 | 110-82-7<br>203-806-2 | 01-2119463273-41 | 601-017-00-1 | # |
| **Classification:** Flam. Liq. 2;H225, Skin Irrit. 2;H315, STOT SE 3;H336, Asp. Tox. 1;H304, Aquatic Acute 1;H400, Aquatic Chronic 1;H410 | | | | | |
| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics | 10 - 25 | EC919-857-5<br>919-857-5 | 01-2119463258-33 | - | |
| **Classification:** Flam. Liq. 3;H226, STOT SE 3;H336, Asp. Tox. 1;H304 | | | | | |
| Orange, sweet, extract | 10 - 25 | 8028-48-6<br>232-433-8 | 01-2119493353-35 | - | |
| **Classification:** Flam. Liq. 3;H226, Skin Irrit. 2;H315, Skin Sens. 1;H317, Asp. Tox. 1;H304, Aquatic Chronic 2;H411 | | | | | |
| Carbon dioxide | 1 - 5 | 124-38-9<br>204-696-9 | - | - | # |
| **Classification:** Press. Gas;H280 | | | | | |

**List of abbreviations and symbols that may be used above**

#: This substance has been assigned Union workplace exposure limit(s).
M: M-factor
PBT: persistent, bioaccumulative and toxic substance.
vPvB: very persistent and very bioaccumulative substance.
All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

**Composition comments** The full text for all H-statements is displayed in section 16.

## SECTION 4: First aid measures

**General information** Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

**4.1. Description of first aid measures**

**Inhalation** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison centre or doctor/physician if you feel unwell.

**Skin contact** Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions. Wash contaminated clothing before reuse.

**Eye contact** Rinse with water. Get medical attention if irritation develops and persists.

**Ingestion** In the unlikely event of swallowing contact a physician or poison control centre. Rinse mouth.

**4.2. Most important symptoms and effects, both acute and delayed** May cause drowsiness or dizziness. Headache. Nausea, vomiting. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.

**4.3. Indication of any immediate medical attention and special treatment needed** Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

## SECTION 5: Firefighting measures

**General fire hazards** Extremely flammable aerosol.

**5.1. Extinguishing media**

**Suitable extinguishing media** Foam. Powder. Carbon dioxide (CO2).

**Unsuitable extinguishing media** Do not use water jet as an extinguisher, as this will spread the fire.

**5.2. Special hazards arising from the substance or mixture** Contents under pressure. Pressurised container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.

**5.3. Advice for firefighters**

**Special protective equipment for firefighters** Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

**Special fire fighting procedures** Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapour pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

**Specific methods** Use standard firefighting procedures and consider the hazards of other involved materials. In the event of fire and/or explosion do not breathe fumes.

## SECTION 6: Accidental release measures

**6.1. Personal precautions, protective equipment and emergency procedures**

**For non-emergency personnel** Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist/vapours. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Do not touch or walk through spilled material.

**For emergency responders** Keep unnecessary personnel away. Avoid breathing mist/vapours. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

**6.2. Environmental precautions** Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

**6.3. Methods and material for containment and cleaning up** Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil etc) away from spilled material. The product is immiscible with water and will spread on the water surface. Prevent product from entering drains. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

**6.4. Reference to other sections** For personal protection, see section 8 of the SDS. For waste disposal, see section 13 of the SDS.

## SECTION 7: Handling and storage

**7.1. Precautions for safe handling**

Pressurised container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Avoid breathing mist/vapours. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.

**7.2. Conditions for safe storage, including any incompatibilities**

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store away from incompatible materials (see Section 10 of the SDS). Storage class (TRGS 510): 2B (Aerosol dispensers and lighters)

**7.3. Specific end use(s)**

Not available.

## SECTION 8: Exposure controls/personal protection

**8.1. Control parameters**

**Occupational exposure limits**

**UK. EH40 Workplace Exposure Limits (WELs)**

| Components | Type | Value |
|---|---|---|
| Carbon dioxide (CAS 124-38-9) | STEL | 27400 mg/m3 |
| | | 15000 ppm |
| | TWA | 9150 mg/m3 |
| | | 5000 ppm |
| Cyclohexane (CAS 110-82-7) | STEL | 1050 mg/m3 |
| | | 300 ppm |
| | TWA | 350 mg/m3 |
| | | 100 ppm |

**Biological limit values**

No biological exposure limits noted for the ingredient(s).

**Recommended monitoring procedures**

Follow standard monitoring procedures.

**Derived no effect levels (DNELs)**

**General Population**

| Components | Value | Assessment factor | Notes |
|---|---|---|---|
| Cyclohexane (CAS 110-82-7) | | | |
| Long-term, Local, Inhalation | 206 mg/m3 | 1.7 | Repeated dose toxicity |
| Long-term, Systemic, Dermal | 1186 mg/kg bw/day | 1.7 | Repeated dose toxicity |
| Long-term, Systemic, Inhalation | 206 mg/m3 | 1.7 | Repeated dose toxicity |
| Long-term, Systemic, Oral | 59.4 mg/kg bw/day | 1.7 | Repeated dose toxicity |
| Short-term, Local, Inhalation | 412 mg/m3 | 1.7 | respiratory tract irritation |
| Short-term, Systemic, Inhalation | 412 mg/m3 | 1.7 | Neurotoxicity |
| Hydrocarbons, C6-C7, n-alkanes,isoalkanes,cyclics,< 5% n-hexane (CAS EC921-024-6) | | | |
| Long-term, Systemic, Dermal | 699 mg/kg bw/day | | |
| Long-term, Systemic, Inhalation | 608 mg/m3 | | |
| Long-term, Systemic, Oral | 699 mg/kg bw/day | | |
| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics (CAS EC919-857-5) | | | |
| Long-term, Systemic, Dermal | 300 mg/kg | | |
| Long-term, Systemic, Inhalation | 900 mg/m3 | | |
| Long-term, Systemic, Oral | 300 mg/kg | | |
| Orange, sweet, extract (CAS 8028-48-6) | | | |
| Long-term, Systemic, Dermal | 4.44 mg/kg bw/day | 225 | Repeated dose toxicity |
| Long-term, Systemic, Inhalation | 7.78 mg/m3 | 225 | Repeated dose toxicity |

**Workers**

| Components | Value | Assessment factor | Notes |
|---|---|---|---|
| Cyclohexane (CAS 110-82-7) | | | |
| Long-term, Local, Inhalation | 700 mg/m3 | 1 | Neurotoxicity |
| Long-term, Systemic, Dermal | 2016 mg/kg bw/day | 1 | Repeated dose toxicity |
| Long-term, Systemic, Inhalation | 700 mg/m3 | 1 | Neurotoxicity |

| | | | |
|---|---|---|---|
| Short-term, Local, Inhalation | 700 mg/m3 | 1 | Neurotoxicity |
| Short-term, Systemic, Inhalation | 700 mg/m3 | 1 | Neurotoxicity |
| Hydrocarbons, C6-C7, n-alkanes,isoalkanes,cyclics,< 5% n-hexane (CAS EC921-024-6) | | | |
| Long-term, Systemic, Dermal | 773 mg/kg bw/day | | |
| Long-term, Systemic, Inhalation | 2035 mg/m3 | | |
| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics (CAS EC919-857-5) | | | |
| Long-term, Systemic, Dermal | 300 mg/kg | | |
| Short-term, Systemic, Inhalation | 1500 mg/m3 | | |
| Orange, sweet, extract (CAS 8028-48-6) | | | |
| Long-term, Systemic, Inhalation | 31.1 mg/m3 | 112.5 | Repeated dose toxicity |
| Short-term, Local, Dermal | 185.8 µg/cm² | 30 | Skin Sensitisation |

**Predicted no effect concentrations (PNECs)**

| Components | Value | Assessment factor | Notes |
|---|---|---|---|
| Cyclohexane (CAS 110-82-7) | | | |
| Freshwater | 0.207 mg/l | 1 | |
| Sediment (freshwater) | 3.627 mg/kg | 1 | |
| Soil | 2.99 mg/kg | 1 | |
| STP | 3.24 mg/l | 1 | |
| Orange, sweet, extract (CAS 8028-48-6) | | | |
| Freshwater | 5.4 µg/l | 50 | |
| Sediment (freshwater) | 1.3 mg/kg | | |
| Soil | 0.261 mg/kg | | |
| STP | 2.1 mg/l | 10 | |

### 8.2. Exposure controls

**Appropriate engineering controls** Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station and safety shower.

**Individual protection measures, such as personal protective equipment**

**General information** Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

**Eye/face protection** Wear safety glasses with side shields (or goggles). Use eye protection conforming to EN 166.

**Skin protection**

**- Hand protection** When handling the product wear chemical-resistant gloves (standard EN 374). The breakthrough time of the glove should be longer than the total duration of product use. If work lasts longer than the breakthrough time, gloves should be changed part-way through. Nitrile gloves are recommended. Suitable gloves can be recommended by the glove supplier.

**- Other** Wear appropriate chemical resistant clothing.

**Respiratory protection** In case of insufficient ventilation, wear suitable respiratory equipment. Chemical respirator with organic vapour cartridge and full facepiece. (Filter type AX)

**Thermal hazards** Wear appropriate thermal protective clothing, when necessary.

**Hygiene measures** When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

**Environmental exposure controls** Inform appropriate managerial or supervisory personnel of all environmental releases. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. Fume scrubbers, filters or engineering modifications to the process equipment may be necessary to reduce emissions to acceptable levels.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**Appearance**

**Physical state** Liquid.

**Form** Aerosol.

**Colour** Colourless to yellow.

**Odour** Citrus.

**Odour threshold** Not available.

**pH** Not applicable.

| | |
|---|---|
| **Melting point/freezing point** | -74 °C (-101.2 °F) estimated |
| **Initial boiling point and boiling range** | 55 - 190 |
| **Flash point** | < 0 °C (< 32.0 °F) |
| **Evaporation rate** | Not available. |
| **Flammability (solid, gas)** | Not available. |
| **Upper/lower flammability or explosive limits** | |
| **Flammability limit - lower (%)** | 0.6 % estimated |
| **Flammability limit - upper (%)** | 8.4 % estimated |
| **Vapour pressure** | 57300 hPa estimated |
| **Vapour density** | Not available. |
| **Relative density** | 0.75 g/cm3 at 20°C |
| **Solubility(ies)** | |
| **Solubility (water)** | Insoluble in water |
| **Auto-ignition temperature** | > 200 °C (> 392 °F) |
| **Decomposition temperature** | Not available. |
| **Viscosity** | Not available. |
| **Explosive properties** | Not explosive. |
| **Oxidising properties** | Not oxidising. |
| **9.2. Other information** | |
| **VOC** | 718 g/l |

## SECTION 10: Stability and reactivity

| | |
|---|---|
| **10.1. Reactivity** | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| **10.2. Chemical stability** | Material is stable under normal conditions. |
| **10.3. Possibility of hazardous reactions** | No dangerous reaction known under conditions of normal use. |
| **10.4. Conditions to avoid** | Avoid high temperatures. |
| **10.5. Incompatible materials** | Strong oxidising agents. |
| **10.6. Hazardous decomposition products** | Carbon oxides. |

## SECTION 11: Toxicological information

| | |
|---|---|
| **General information** | Occupational exposure to the substance or mixture may cause adverse effects. |
| **Information on likely routes of exposure** | |
| **Inhalation** | May cause drowsiness or dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be harmful. |
| **Eye contact** | Direct contact with eyes may cause temporary irritation. |
| **Skin contact** | Causes skin irritation. May cause an allergic skin reaction. |
| **Ingestion** | May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of occupational exposure. |
| **Symptoms** | May cause drowsiness or dizziness. Headache. Nausea, vomiting. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash. |

**11.1. Information on toxicological effects**

| | |
|---|---|
| **Acute toxicity** | Classification based on calculation method. Based on available data, the classification criteria are not met. |

| Components | Species | Test Results |
|---|---|---|
| Cyclohexane (CAS 110-82-7) | | |
| **Acute** | | |
| **Dermal** | | |
| LD50 | Rabbit | > 2000 mg/kg |
| **Inhalation** | | |
| LC50 | Rat | > 32.88 mg/l |

| Components | Species | Test Results |
|---|---|---|
| **Oral** | | |
| LD50 | Rat | > 5000 mg/kg |
| Hydrocarbons, C6-C7, n-alkanes,isoalkanes,cyclics,< 5% n-hexane | | |
| **Acute** | | |
| **Dermal** | | |
| LD50 | Rat | 2920 mg/kg bw/day, 24 h |
| **Inhalation** | | |
| LC50 | Rat | 25200 mg/m³, 4 h |
| **Oral** | | |
| LD50 | Rat | 5840 mg/kg bw/day |
| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics | | |
| **Acute** | | |
| **Dermal** | | |
| LD50 | Rabbit | > 5000 mg/kg |
| **Oral** | | |
| LD50 | Rat | > 5000 mg/kg |
| Orange, sweet, extract (CAS 8028-48-6) | | |
| **Acute** | | |
| **Dermal** | | |
| LD50 | Rabbit | 5000 mg/kg bw/day |
| **Oral** | | |
| LD50 | Rat | > 2000 mg/kg/day |

| | |
|---|---|
| **Skin corrosion/irritation** | Causes skin irritation. |
| **Serious eye damage/eye irritation** | Direct contact with eyes may cause temporary irritation. |
| **Respiratory sensitisation** | Based on available data, the classification criteria are not met. |
| **Skin sensitisation** | May cause an allergic skin reaction. |
| **Germ cell mutagenicity** | Based on available data, the classification criteria are not met. |
| **Carcinogenicity** | Based on available data, the classification criteria are not met. |
| **Reproductive toxicity** | Based on available data, the classification criteria are not met. |
| **Specific target organ toxicity - single exposure** | May cause drowsiness or dizziness. |
| **Specific target organ toxicity - repeated exposure** | Based on available data, the classification criteria are not met. |
| **Aspiration hazard** | Not likely, due to the form of the product. |
| **Mixture versus substance information** | Not available. |

## SECTION 12: Ecological information

**12.1. Toxicity** Very toxic to aquatic life with long lasting effects.

| Components | | Species | Test Results |
|---|---|---|---|
| Cyclohexane (CAS 110-82-7) | | | |
| **Aquatic** | | | |
| *Acute* | | | |
| Algae | EC50 | Algae | 3.4 mg/l, 72 hours |
| Crustacea | EC50 | Daphnia | 0.9 mg/l, 48 hours |
| Fish | LC50 | Fish | 4.53 mg/l, 96 hours |
| Hydrocarbons, C6-C7, n-alkanes,isoalkanes,cyclics,< 5% n-hexane | | | |
| **Aquatic** | | | |
| *Acute* | | | |
| Algae | EC50 | Algae | > 30 - < 100 mg/l, 72 h |
| Crustacea | EC50 | Daphnia | 3 mg/l, 48 h |
| Fish | LC50 | Fish | 11.4 mg/l, 96 h |

| Components | | Species | Test Results |
|---|---|---|---|
| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics | | | |
| *Acute* | | | |
| Other | LC50 | Pseudokirchnerella subcapitata | > 1000 mg/l, 72 h |
| **Aquatic** | | | |
| *Acute* | | | |
| Fish | LC50 | Oncorhynchus mykiss | > 1000 mg/l |

**12.2. Persistence and degradability** No data is available on the degradability of any ingredients in the mixture.

**12.3. Bioaccumulative potential**

**Partition coefficient n-octanol/water (log Kow)**

| | |
|---|---|
| Cyclohexane | 3.44 |

**Bioconcentration factor (BCF)** Not available.

**12.4. Mobility in soil** No data available.

**12.5. Results of PBT and vPvB assessment** This mixture does not contain substances assessed to be vPvB / PBT according to Regulation (EC) No 1907/2006, Annex XIII.

**12.6. Other adverse effects** The product contains volatile organic compounds which have a photochemical ozone creation potential.
GWP: 0

## SECTION 13: Disposal considerations

**13.1. Waste treatment methods**

**Residual waste** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**Contaminated packaging** Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

**EU waste code** The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Disposal methods/information** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

**Special precautions** Dispose in accordance with all applicable regulations.

## SECTION 14: Transport information

**ADR**

**14.1. UN number** UN1950

**14.2. UN proper shipping name** AEROSOLS, flammable

**14.3. Transport hazard class(es)**

**Class** 2.1

**Subsidiary risk** -

**Label(s)** 2.1

**Hazard No. (ADR)** Not available.

**Tunnel restriction code** D

**14.4. Packing group** Not available.

**14.5. Environmental hazards** yes

**14.6. Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

**RID**

**14.1. UN number** UN1950

**14.2. UN proper shipping name** AEROSOLS, flammable

**14.3. Transport hazard class(es)**

**Class** 2.1

**Subsidiary risk** -

**Label(s)** 2.1

**14.4. Packing group** Not available.

**14.5. Environmental hazards** yes

| | |
|---|---|
| **14.6. Special precautions for user** | Read safety instructions, SDS and emergency procedures before handling. |

**ADN**

| | |
|---|---|
| **14.1. UN number** | UN1950 |
| **14.2. UN proper shipping name** | AEROSOLS, flammable |
| **14.3. Transport hazard class(es)** | |
| **Class** | 2.1 |
| **Subsidiary risk** | - |
| **Label(s)** | 2.1 |
| **14.4. Packing group** | Not available. |
| **14.5. Environmental hazards** | yes |
| **14.6. Special precautions for user** | Read safety instructions, SDS and emergency procedures before handling. |

**IATA**

| | |
|---|---|
| **14.1. UN number** | UN1950 |
| **14.2. UN proper shipping name** | Aerosols, flammable |
| **14.3. Transport hazard class(es)** | |
| **Class** | 2.1 |
| **Subsidiary risk** | - |
| **14.4. Packing group** | Not available. |
| **14.5. Environmental hazards** | yes |
| **ERG Code** | 10L |
| **14.6. Special precautions for user** | Read safety instructions, SDS and emergency procedures before handling. |
| **Other information** | |
| **Passenger and cargo aircraft** | Allowed with restrictions. |
| **Cargo aircraft only** | Allowed with restrictions. |

**IMDG**

| | |
|---|---|
| **14.1. UN number** | UN1950 |
| **14.2. UN proper shipping name** | Aerosols, flammable, MARINE POLLUTANT |
| **14.3. Transport hazard class(es)** | |
| **Class** | 2.1 |
| **Subsidiary risk** | - |
| **14.4. Packing group** | Not available. |
| **14.5. Environmental hazards** | |
| **Marine pollutant** | Yes |
| **EmS** | F-D, S-U |
| **14.6. Special precautions for user** | Read safety instructions, SDS and emergency procedures before handling. |

| | |
|---|---|
| **14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** | Not established. |

**ADN; ADR; IATA; IMDG; RID**

**Marine pollutant**

## SECTION 15: Regulatory information

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**Retained direct EU regulations**

**Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended**

Not listed.

**Regulation (EU) 2019/1021 On persistent organic pollutants (recast), as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended**

Not listed.

**Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended**

Carbon dioxide (CAS 124-38-9)

**Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA**

Not listed.

**Authorisations**

**Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended**

Not listed.

**Restrictions on use**

**Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended**

Cyclohexane (CAS 110-82-7)

**Other EU regulations**

**Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended**

Cyclohexane (CAS 110-82-7)

**Other regulations**

The product is classified and labelled in accordance with Regulation (EC) 1272/2008 (CLP Regulation) as amended. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006, as amended.

This safety data sheet conforms to the following laws, regulations and standards:

Act on the management of packaging and packaging waste of June 13, 2013
Regulation of the Minister of Health of June 11, 2012 on the categories of dangerous substances and dangerous preparations whose packaging should be fitted with child-resistant closures and a tactile warning of danger
REGULATION OF THE MINISTER OF HEALTH of February 2, 2011 on tests and measurements of factors harmful to health in working environments
Regulation of Ministry of Labor and Social Policy of June 6, 2014. On the matter of maximum permissible concentrations and intensities of harmful factors in the work environment (Journal of Laws 2014, item. 817)
Chemical Safety at Workplace Ordinance Joint Decree No. 25/2000 (Annex 2): Permissible limit values of biological exposure (effect) indices Decree No. 25/2000. (IX. 30.) EüM-SzCsM of the Minister of Health and the Minister of Social and Family Affairs on chemical safety at work
Act No. 93 of 1993 on Labour Safety (1993.évi XCIII.), as amended
Government Decree No. 220 of 2004 (VII. 21.) providing rules on the protection of surface waters quality
Government Decree No. 98/2001 (VI. 15.), on the conditions of the activities related to hazardous waste, and Ministry of Environmental Affairs Decree No. 16/2001 (VII. 18.), on the register of wastes
Public Act No. XXV of 2000 on Chemical Safety, and Application Decree No. 44/2000. (XII.27.) EüM [of the Ministry of Health]
Young people under 18 years old are not allowed to work with this product according to EU Directive 94/33/EC on the protection of young people at work, as amended

Follow national regulation for work with chemical agents in accordance with Directive 98/24/EC, as amended.

**15.2. Chemical safety assessment**

No Chemical Safety Assessment has been carried out.

## SECTION 16: Other information

**List of abbreviations**

ADN: European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways.
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
ADR: European Agreement Concerning the International Carriage of Dangerous Goods by Road.
ATE: Acute Toxicity Estimate according to REGULATION (EC) No 1272/2008 (CLP).
CAS: Chemical Abstract Service.
Ceiling: Short Term Exposure Limit Ceiling value.
CEN: European Committee for Standardization.
CLP: Classification, Labeling and Packaging REGULATION (EC) No 1272/2008 on classification, labeling and packaging of substances and mixtures.
GWP: Global Warming Potential.
IATA: International Air Transport Association.
IBC Code: International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk.
IMDG: International Maritime Dangerous Goods.
MAK: Threshold limit values Germany (Maximale Arbeitsplatzkonzentration - DFG).
MARPOL: International Convention for the Prevention of Pollution from Ships.
PBT: Persistent, bioaccumulative and toxic.
REACH: Registration, Evaluation and Authorization of Chemicals (REGULATION (EC) No 1907/2006 concerning Registration, Evaluation  Authorization and Restriction of Chemicals).
RID: Regulations concerning the international carriage of dangerous goods by rail (Règlement International concernant le transport de marchandises dangereuses par chemin de fer).
RID: Regulations concerning the International Carriage of Dangerous Goods by Rail.
STEL: Short term exposure limit.
TLV: Threshold Limit Value.
TWA: Time Weighted Average.
VOC: Volatile organic compounds.
vPvB: Very persistent and very bioaccumulative.
STEL: Short-term Exposure Limit.

**References**

Not available.

**Information on evaluation method leading to the classification of mixture**

The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.

**Full text of any H-statements not written out in full under Sections 2 to 15**

H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H280 Contains gas under pressure; may explode if heated.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H336 May cause drowsiness or dizziness.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.

**Revision information**

HazReg Data: Europe - EU

**Training information**

Follow training instructions when handling this material.

**Disclaimer**

CRC Industries Europe bvba cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used.  It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available. Apart from any fair dealing for purposes of study, research and review of health, safety and environmental risks, no part of these documents may be reproduced by any process without written permission from CRC.